

Title (en)
BREATHABLE, WATERPROOF MULTI-LAYERED LEATHER MATERIAL AND USE OF SAID LEATHER MATERIAL IN A LEATHER PRODUCT

Title (de)
ATMUNGSAKTIVES, WASSERFESTES, MEHRSCHICHTIGES LEDERMATERIAL UND VERWENDUNG DES BESAGTEN LEDERMATERIALS IN EINEM LEDERPRODUKT

Title (fr)
MATÉRIAU EN CUIR MULTICOUCHES RESPIRABLE ET RÉSISTANT À L'EAU ET UTILISATION DUDIT MATÉRIAU EN CUIR DANS UN PRODUIT EN CUIR

Publication
EP 3587598 A1 20200101 (EN)

Application
EP 19382518 A 20190620

Priority
ES 201830958 U 20180621

Abstract (en)
A multi-layered material that includes a layer (10) of natural leather or collagen leather with holes (11) and/or micro-holes (11) and coated with a hydrophobic agent, which is superimposed and adhered, by means of hydrolysis-resistant adhesives, said adhesives being arranged in a non-laminar fashion, to a layer of waterproof, breathable material (20) to prevent the passage of water and to allow the passage of air therethrough.

IPC 8 full level
C14B 7/04 (2006.01); **A41D 31/02** (2019.01); **A41D 31/102** (2019.01); **B32B 9/02** (2006.01); **C09D 175/04** (2006.01); **C14B 5/00** (2006.01); **C14C 9/00** (2006.01); **C14C 11/00** (2006.01)

CPC (source: EP KR US)
A41D 31/102 (2019.01 - EP); **B32B 3/02** (2013.01 - EP); **B32B 3/08** (2013.01 - EP); **B32B 3/266** (2013.01 - EP KR US); **B32B 5/24** (2013.01 - EP); **B32B 7/12** (2013.01 - KR US); **B32B 7/14** (2013.01 - EP KR); **B32B 9/025** (2013.01 - EP KR US); **B32B 9/04** (2013.01 - EP); **B32B 33/00** (2013.01 - KR); **C09D 1/00** (2013.01 - KR); **C09D 5/1612** (2013.01 - KR); **C09D 175/04** (2013.01 - EP KR); **C14B 5/00** (2013.01 - EP KR); **C14B 7/02** (2013.01 - EP); **C14C 7/00** (2013.01 - KR); **C14C 9/00** (2013.01 - EP KR); **C14C 11/00** (2013.01 - KR); **C14C 11/006** (2013.01 - EP); **B32B 2250/03** (2013.01 - EP US); **B32B 2255/20** (2013.01 - EP); **B32B 2255/24** (2013.01 - KR); **B32B 2255/26** (2013.01 - EP KR US); **B32B 2305/345** (2013.01 - KR); **B32B 2307/416** (2013.01 - EP); **B32B 2307/724** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - EP); **B32B 2307/73** (2013.01 - EP KR US); **B32B 2437/00** (2013.01 - EP KR US); **B32B 2437/02** (2013.01 - EP US); **B32B 2439/06** (2013.01 - US); **B32B 2439/46** (2013.01 - EP); **B32B 2439/62** (2013.01 - EP); **B32B 2479/00** (2013.01 - US); **B32B 2571/00** (2013.01 - EP); **B32B 2601/00** (2013.01 - EP)

Citation (applicant)
• ES 2142620 T3 20000416 - NOTTINGTON HOLDING BV
• EP 0619959 A1 19941019 - POL SCARPE SPORTIVE SRL [IT]

Citation (search report)
• [A] US 2001023023 A1 20010920 - MORLACCHI ANTONIO [IT]
• [A] US 2017088909 A1 20170330 - SCHWAIGHOFER ARMIN [DE], et al
• [A] EP 1056595 A2 20001206 - GORE W L & ASS GMBH [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3587598 A1 20200101; **EP 3587598 B1 20210120**; CN 211567212 U 20200925; ES 1220659 U 20181120; ES 1220659 Y 20190211; ES 2870517 T3 20211027; JP 2019217772 A 20191226; JP 7376860 B2 20231109; KR 20200000367 A 20200102; US 11135810 B2 20211005; US 2019389177 A1 20191226

DOCDB simple family (application)
EP 19382518 A 20190620; CN 201920948821 U 20190621; ES 19382518 T 20190620; ES 201830958 U 20180621; JP 2019114446 A 20190620; KR 20190073968 A 20190621; US 201916448665 A 20190621